



# **STIC Search Report**

## **EIC 3600**

**STIC Database Tracking Number: 199867**

**TO: Vinh Luong**  
**Location: KNX 3C03**  
**Art Unit : 3682**

**Case Serial Number: 10/653994**

**From: Robert Finley**  
**Location: EIC 3600**  
**KNX-4B68**  
**Phone: 571-272-8952**

**Robert.Finley@uspto.gov**

### **Search Notes**

Mr. Luong:

Attached are the results of your search request regarding  
**STEERING AND PRODUCTION METHOD THEREFOR**

I searched both on the invention and adhesives and nonwoven materials.

Please let me know if need you anything further.

Bob Finley

Robert Finley

File 6:NTIS 1964-2006/Aug w3  
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File 8:EI Compendex(R) 1970-2006/Aug w3  
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(c) 2006 CSA.  
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(c) 2006 MIRA Ltd.  
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(c) 1999 Information Handling Services  
File 94:JICST-EPlus 1985-2006/May w3  
(c)2006 Japan Science and Tech Corp(JST)  
File 95:TEME-Technology & Management 1989-2006/Aug w4  
(c) 2006 FIZ TECHNIK  
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(c) 2006 Contains copyrighted material  
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(c) 2006 CSA.  
File 335:Ceramic Abstracts/World Ceramics Abstracts 1966-2006/Aug  
(c) 2006 CSA.  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp

Set	Items	Description
S1	19560	NONWOVEN OR NON()WOVEN OR MELTBLOWN OR SPUNLACED OR SPUNBONDED OR STITCHBONDED OR STRETCHBONDED OR (SPUN OR STITCH OR STRETCH)() (BOND OR BONDED OR LACE OR LACED) OR (DRY OR WET OR - AIR)() LAID
S2	5907428	FIBER OR FIBERS OR FIBROUS OR MATERIAL OR MATERIALS OR FABRIC OR POLYESTER OR NYLON OR URETHANE OR CHEMICAL() (FIBERS OR FIBERS)
S3	960895	ADHESIVE OR ADHESIVES OR GLUE OR BOND OR BONDING OR ADHERE OR ADHERING OR ADHERENCE OR COHESION OR (THERMOSETTING OR UREA OR MELAMINE OR PHENOL OR EPOXY OR DIALIYL OR PHTHALATE) (2N) (- RESIN OR RESINS)
S4	772324	PERMEAT??? OR IMPREGNAT??? OR PERVAD??? OR SATURAT??? OR PENETRAT???
S5	9887	S1(3N)S2
S6	374	S5(3N)S3
S7	20	S6(S)S4
S8	19	S7 NOT PY>2003
S9	16	RD (unique items)
S10	9211	(STEERING OR HAND)() (WHEEL OR WHEELS OR APPARATUS OR GEAR -

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OR MECHANISM OR MECHANISMS) OR STEERINGWHEEL OR STEERINGWHEELS
OR HANDWHEEL OR HANDWHEELS
S11 2093327 LAYER??? OR LAMINAT??? OR SANDWICH??? OR STRATA? ? OR PLY -
OR PLYS OR PLIES OR STRATIFIED OR STRATIFORM??
S12 208193 LIGNEOUS OR WOOD OR PLYWOOD OR VENEER OR TIMBER OR LUMBER
S13 5 S10 AND S11 AND S12
S14 5 S13 NOT PY>2003
S15 4126 AU=(MAKINO, T? OR MAKINO T? OR MAKINO(2N)T?)
S16 23 AU=(KINPARA, S? OR KINPARA S? OR KINPARA(2N)S?)
S17 2964 AU=(INAGAKI, T? OR INAGAKI T? OR INAGAKI(2N)T?)
S18 7 (S15 OR S16 OR S17) AND S10
S19 7 S18 NOT PY>2003

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9/3,K/1 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
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2064237 NTIS Accession Number: SAE AMS 3906/7B/XAB  
Glass Non-Woven Fiber Tape And Flat Sheet-Epoxy Resin Impregnated, For  
Hand And Machine Layup GL-III-33-95 (203) (Reaffirmed Oct 97). (SAE  
Standard)  
Society of Automotive Engineers, Inc., Warrendale, PA.  
Corp. Source Codes: 058588000  
cOct 97 6p  
Languages: English  
Journal Announcement: GRAI9813  
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fax at (703)321-8547; and email at orders ntis.fedworld.gov. NTIS is  
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.  
NTIS Prices: PC\$30.00

This specification covers one type of epoxy - resin - impregnated , non  
- woven , glass fiber in the form of tape for hand or machine layup and  
of flat sheet. composites...

9/3,K/2 (Item 2 from file: 6)  
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2064236 NTIS Accession Number: SAE AMS 3906/6B/XAB  
Glass Non-Woven Fiber Tape And Flat Sheet-Epoxy Resin Impregnated, For  
Hand And Machine Layup GL-I-36-95 (203) (Reaffirmed Oct 97). (SAE Standard)  
Society of Automotive Engineers, Inc., Warrendale, PA.  
Corp. Source Codes: 058588000  
cOct 97 6p  
Languages: English  
Journal Announcement: GRAI9813  
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located at 5285 Port Royal Road, Springfield, VA, 22161, USA.  
NTIS Prices: PC\$30.00

This specification covers one type of epoxy - resin - impregnated , non  
- woven , glass fiber in the form of tape for hand or machine layup and  
of flat sheet. composites...

9/3,K/3 (Item 3 from file: 6)  
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2064235 NTIS Accession Number: SAE AMS 3906/5B/XAB  
Glass Non-Woven Fiber Tape and Flat Sheet-Epoxy Resin Impregnated, For  
Hand And Machine Layup GL-I-36-150 (302) (Reaffirmed Oct 97). (SAE  
Standard)  
Society of Automotive Engineers, Inc., Warrendale, PA.  
Corp. Source Codes: 058588000  
cOct 97 6p  
Languages: English

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Journal Announcement: GRAI9813

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NTIS Prices: PC\$30.00

This specification covers one type of epoxy - resin - impregnated , non - woven , glass fiber in the form of tape for hand or machine layup and of flat sheet. These...

9/3,K/4 (Item 4 from file: 6)

DIALOG(R)File 6:NTIS

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2064234 NTIS Accession Number: SAE AMS 3906/4B/XAB

Glass Non-woven Fiber Tape And Flat Sheet-Epoxy Resin Impregnated, For Hand And Machine Layup GL-III-26-150 (302) (Reaffirmed Oct 97). (SAE Standard)

Society of Automotive Engineers, Inc., Warrendale, PA.

Corp. Source Codes: 058588000

cOct 97 6p

Languages: English

Journal Announcement: GRAI9813

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NTIS Prices: PC\$30.00

This specification covers one type of epoxy - resin - impregnated , non - woven , glass fiber in the form of tape for hand or machine layup and of flat sheet. composites...

9/3,K/5 (Item 5 from file: 6)

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2064233 NTIS Accession Number: SAE AMS 3906/3B/XAB

Glass Non-woven Fiber Tape And Flat Sheet-Epoxy Resin Impregnated, For Hand And Machine Layup GL-I-26-150 (302) (Reaffirmed Oct 97). (SAE Standard)

Society of Automotive Engineers, Inc., Warrendale, PA.

Corp. Source Codes: 058588000

cOct 97 6p

Languages: English

Journal Announcement: GRAI9813

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NTIS Prices: PC\$30.00

This specification covers one type of epoxy - resin - impregnated , non

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- woven , glass fiber in the form of tape for hand or machine layup and of flat sheet. These...

9/3,K/6 (Item 6 from file: 6)  
DIALOG(R)File 6:NTIS  
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2064232 NTIS Accession Number: SAE AMS 3906/2B/XAB  
Glass Non-Woven Fiber Tape And Flat Sheet-Epoxy Resin Impregnated, For Hand And Machine Layup GL-III-36-120 (250) (Reaffirmed Oct 97). (SAE Standard)

Society of Automotive Engineers, Inc., Warrendale, PA.

Corp. Source Codes: 058588000

cOct 97 6p

Languages: English

Journal Announcement: GRAI9813

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NTIS Prices: PC\$30.00

This specification covers one type of epoxy - resin - impregnated , non - woven , glass fiber in the form of tape for hand or machine layup and of flat sheet. Primarily...

9/3,K/7 (Item 7 from file: 6)  
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2064231 NTIS Accession Number: SAE AMS 3906/1B/XAB  
Glass Non-Woven Fiber Tape And Flat Sheet-Epoxy Resin Impregnated, For Hand And Machine Layup GL-I-36-120 (248) (Reaffirmed Oct 97). (SAE Standard)

Society of Automotive Engineers, Inc., Warrendale, PA.

Corp. Source Codes: 058588000

cOct 97 6p

Languages: English

Journal Announcement: GRAI9813

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NTIS Prices: PC\$30.00

This specification covers one type of epoxy - resin - impregnated , non - woven , glass fiber in the form of tape for hand or machine layup and of flat sheet. These...

9/3,K/8 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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01806876 E.I. Monthly No: EI8510089425 E.I. Yearly No: EI85040848  
Title: PRESSURE DEPENDENCE OF LIQUID EPOXY RESIN IMPREGNATION THROUGH POLYESTER NON - WOVEN FABRIC IN VACUUM.

Robert Finley

Author: Kurematsu, Kazuhiko; Koishi, M.  
Corporate Source: Toshiba Corp, Research & Development Cent, Kanagawa, Jpn  
Source: Colloid and Polymer Science v 263 n 8 Aug 1985 p 638-646  
Publication Year: 1985  
CODEN: CPMSB6 ISSN: 0303-402X  
Language: ENGLISH

Title: PRESSURE DEPENDENCE OF LIQUID EPOXY RESIN IMPREGNATION THROUGH POLYESTER NON - WOVEN FABRIC IN VACUUM.

Abstract: The mechanism for liquid epoxy resin impregnation through polyester non - woven fabric, sandwiched between two circular glass plates in atmospheric pressure, has been studied by the Kozeny...

...theoretical calculated capillary force and the gas leakage parameters for the void formation in the impregnating area. Impregnating velocity increases with reduced gas pressure. Experimental data on the vacuum impregnation were analyzed by the improved Kozeny-Carman equation by using wettability under measurements of the ascending heights due to liquid epoxy resin impregnation in a vacuum. The gas leakage quantity, obtained from the gas leakage parameter, is related to the gas pressure at the starting point of the impregnation. Voids for most of the impregnation stage disappear with passing impregnating time, 120 minutes as well as breaking the vacuum in the chamber. (Author abstract) 12...

9/3,K/9 (Item 2 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
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01796045 E.I. Monthly No: EI8509081716 E.I. Yearly No: EI85086864  
Title: KINETIC STUDIES ON VOID FORMATION DURING LIQUID EPOXY RESIN IMPREGNATION THROUGH POLYESTER NON - WOVEN FABRIC.  
Author: Kurematsu, Kazuhiko; Koishi, M.  
Corporate Source: Toshiba Corp, Toshiba Research & Development Cent, Kawasaki, Jpn  
Source: Colloid and Polymer Science v 263 n 6 Jun 1985 p 454-461  
Publication Year: 1985  
CODEN: CPMSB6 ISSN: 0303-402X  
Language: ENGLISH

Title: KINETIC STUDIES ON VOID FORMATION DURING LIQUID EPOXY RESIN IMPREGNATION THROUGH POLYESTER NON - WOVEN FABRIC.

Abstract: Under the condition that liquid epoxy resin impregnation was through polyester non - woven fabric sheets, sandwiched between two circular glass plates, the increase in gas pressure caused by decrease in the volume of non-impregnating area was not as much as expected according to Boyle's law. Hence, the quantity...

...liquid resin and the polyester fibers, as well as by the void formation in the impregnating area of liquid resin, was calculated. According to the results, the quantities of gas decreased by dissolution and diffusion from the non-impregnating area into the impregnating liquid resin and into the polyester fiber are found to be so small that the...

...s law mostly depends on the gas consumption due to the void formation in the impregnating area. 8 refs.

Identifiers: VOID FORMATION; EPOXY RESIN IMPREGNATION ; NON - WOVEN FABRIC

9/3,K/10 (Item 3 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
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01494934 E.I. Monthly No: EI8403027714 E.I. Yearly No: EI84130212  
Title: TEMPERATURE DEPENDENCE OF LIQUID EPOXY RESIN IMPREGNATION  
THROUGH POLYESTER NON - WOVEN FABRIC .  
Author: Kurematsu, Kazuhiko; Koishi, M.  
Corporate Source: Toshiba Corp, Research & Development Cent, Tokyo, Jpn  
Source: Colloid and Polymer Science v 261 n 10 Oct 1983 p 834-845  
Publication Year: 1983  
CODEN: CPMSB6 ISSN: 0303-402X  
Language: ENGLISH

Title: TEMPERATURE DEPENDENCE OF LIQUID EPOXY RESIN IMPREGNATION  
THROUGH POLYESTER NON - WOVEN FABRIC .

9/3,K/11 (Item 4 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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01486669 E.I. Monthly No: EI8402016010 E.I. Yearly No: EI84101362  
Title: NEW CIRCUIT MATERIALS HOLD SHAPE AFTER BENDING, PROCESS LIKE RIGID  
BOARDS.  
Author: Gurley, Steve  
Corporate Source: Rogers Corp, Circuit Materials Div, Rogers, Conn, USA  
Source: Electronics v 29 n 10 Sep 1983 p 29-30  
Publication Year: 1983  
CODEN: ELETDX ISSN: 0745-4309  
Language: ENGLISH

...Abstract: are the properties of new bendable circuit materials. They  
are typically made from glass and polyester non - woven materials ,  
saturated with epoxy resin , and clad either on one or both sides with  
copper foil. Easily bent 90 DEGREE...

9/3,K/12 (Item 5 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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00750751 E.I. Monthly No: EI7810078748 E.I. Yearly No: EI78088163  
Title: THERMODYNAMICS OF CURING ACRYLIC LATEX BINDERS.  
Author: Huang, Chor  
Corporate Source: B. F. Goodrich Chem Co Tech Cent, Avon Lake, Ohio  
Source: Nonwoven Technol -- Merging of Mult Technol, Tech Symp, 5th, Symp  
Pap, Washington, DC, Mar 10-11 1977 Publ by INDIA (Assoc of the Nonwoven  
Fabr Ind), New York, NY, 1977 p 81-106  
Publication Year: 1977  
Language: ENGLISH

Abstract: The use of self-crosslinking acrylic latexes to bond  
nonwoven fibers is a well known practice in the textile industry. The  
polymer chains in these latexes...

...cure " -- a process which is generally achieved by the application of  
heat to a nonwoven saturated with the latex. The studies reported here  
were aimed at finding a relationship between the...

9/3,K/13 (Item 1 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
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01068258 JICST ACCESSION NUMBER: 90A0435999 FILE SEGMENT: JICST-E  
A series : applications of aramid nonwoven fabric , and epoxy resin  
impregnation substrates to multilayer boards.  
OKUNO ATSUSHI (1); TSUNASHIMA EIICHI (2)



Robert Finley

(1) NIHONREKKU; (2) Matsushita Electronics Corp.  
Erekutoronikusu Jisso Gijutsu(Electronic Packaging Technology), 1990,  
VOL.6,NO.4, PAGE.79-88, FIG.6, TBL.14, REF.7  
JOURNAL NUMBER: L0322AAG ISSN NO: 0911-3053  
UNIVERSAL DECIMAL CLASSIFICATION: 621.3.049.75  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Commentary  
MEDIA TYPE: Printed Publication

A series : applications of aramid nonwoven fabric , and epoxy resin  
impregnation substrates to multilayer boards.

9/3,K/14 (Item 2 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

01037600 JICST ACCESSION NUMBER: 90A0298517 FILE SEGMENT: JICST-E  
The new development of aramid nonwoven fabric , epoxy resin  
impregnated substrates and surface mounting.  
OKUNO ATSUSHI (1); OYAMA NORITAKA (1); NAGAI KOICHIRO (1); AMISHIMA EIICHI  
(2)  
(1) NIHONREKKU; (2) Matsushita Electronics Corp.  
Erekutoronikusu Jisso Gijutsu(Electronic Packaging Technology), 1990,  
VOL.6,NO.3, PAGE.87-94, FIG.7, TBL.5, REF.5  
JOURNAL NUMBER: L0322AAG ISSN NO: 0911-3053  
UNIVERSAL DECIMAL CLASSIFICATION: 621.3.049.75  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Commentary  
MEDIA TYPE: Printed Publication

The new development of aramid nonwoven fabric , epoxy resin  
impregnated substrates and surface mounting.

9/3,K/15 (Item 3 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
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00473206 JICST ACCESSION NUMBER: 87A0436894 FILE SEGMENT: JICST-E  
Impregnation rate equation and analysis of gas solubility for the liquid  
resin impregnation.  
KUREMATSU KAZUHIKO (1); HONDA HIROTAKA (2); KOISHI MASUMI (2); SEIMIYA  
TSUTOMU (3)  
(1) Toshiba Soken; (2) Tokyoridai Yaku; (3) Tokyotodai Ri  
Zairyo Gijutsu(Material Technology), 1987, VOL.5,NO.2, PAGE.100-107, FIG.6,  
TBL.1, REF.17  
JOURNAL NUMBER: Y0644AAO ISSN NO: 0289-7709 CODEN: ZAGIE  
UNIVERSAL DECIMAL CLASSIFICATION: 66.021.2  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

ABSTRACT: According to compared the impregnation rate equation derived  
from Poiseuille's equation, with the improved Kozeny-Carman's equation,  
including...

...is the diameter of a fiber. Then, the solubilities of the air in the  
non-impregnating area to the liquid resin, which impregnates  
through polyester non-woven fabric sheets, sandwiched between two  
circular glass plates were calculated in the course of impregnation  
from the perimeter of circular sheet toward its center. They are very

Robert Finley

small regarding temperature and pressure dependences of liquid epoxy  
resin impregnation through polyester non - woven fabric  
(author abst.)

9/3,K/16 (Item 1 from file: 95)  
DIALOG(R)File 95:TEME-Technology & Management  
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00949433 M96016169552

Advanced filter element design can improve performance of inadequate  
pneumatic conveying and dust collection systems

(Leistungssteigerung unzuenglicher Druckluftfoederungs- und  
Staubabscheidungs-Systeme durch fortschrittliche Filterelementgestaltung)  
Clements, J

SF Air Filtration, Kansas City, USA

Powder & Bulk Solids, Conf., Proc., Exhibition & Conf., Rosemont, USA, May  
8-11, 19951995

Document type: Conference paper Language: English

Record type: Abstract

ABSTRACT:

...air-to-cloth ratio, lowering differential pressure, reducing energy  
costs and increasing air handling capability. Spun bond polyester  
media has a smooth calendered finish that maximizes dustcake release during  
cleaning cycles. The element resists surface penetration by the collected  
particulate, resulting in lower pressure drop and increased air filtration  
capability when...

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14/3,K/1 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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06852230 E.I. No: EIP04208166355

Title: Effectiveness of Variable Tire Pressure for Control of Distress on Roads with Thin Asphalt Surfacing Layers and Peat Soil Subgrade

Author: Owende, P.M.O.; Ward, S.M.; O'Mahony, M.J.; Hartman, A.; Gilchrist, M.

Corporate Source: Forest Engineering Unit Dept. of Agricultural Engineering University College Dublin, Dublin 2, Ireland

Conference Title: 2000 ASAE Annual International Meeting, Technical Papers: Engineering Solutions for a New Century

Conference Location: Milwaukee, WI., United States Conference Date: 20000709-20000712

E.I. Conference No.: 62828

Source: 2000 ASAE Annual International Meeting, Technical Papers: Engineering Solutions for a New Century 2000 ASAE Annual International Meeting, Technical Papers: Engineering Solutions for a New Century v 2 2000.

Publication Year: 2000

Language: English

Title: Effectiveness of Variable Tire Pressure for Control of Distress on Roads with Thin Asphalt Surfacing Layers and Peat Soil Subgrade

Abstract: A forest access road pavement with peat soil subgrade and thin (50 mm) asphalt surfacing layer, was instrumented to verify the effectiveness of Variable Tire Pressure technology for control of surface distress resulting from timber haulage traffic. Distress potential was evaluated with respect to longitudinal and lateral interfacial strains under the surfacing layer, and normal stress on the subgrade due to a timber haulage truck. Results indicate that the lateral strain due to the steering wheels determine initial failure of the surfacing layer, while longitudinal strains control the subsequent degradation, and an empty truck (4 tonnes per axle...

14/3,K/2 (Item 1 from file: 81)  
DIALOG(R)File 81:MIRA - Motor Industry Research  
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173218

Audi Avantissimo Concept wows Frankfurt  
Audi - Press Release  
September 19, 2001

Document Type: PRESS RELEASE Language: ENGLISH  
Record Type: ABSTRACT  
Supplier Record Type: Press Release

...six-speed automatic transmission, which can also be operated manually via shift paddles behind the steering wheel.

The Avantissimo's driveline and suspension are more than a match for the prodigious performance...

...the corner.

Light-sensitive roof: Large sections of the roof are constructed using panels of sandwich glass with a dimming facility, which extend right down to the tailgate. There are additional...finest materials. The driver and three passengers, in their four individual wide, leather upholstered and wood-backed seats, are surrounded by every conceivable luxury. For maximum comfort the rear seat cushions...

14/3,K/3 (Item 2 from file: 81)  
DIALOG(R)File 81:MIRA - Motor Industry Research  
(c) 2006 MIRA Ltd. All rts. reserv.

152686  
Opel continues product offensive for 2001  
General Motors - Press Release  
August 23, 2000

Document Type: PRESS RELEASE Language: ENGLISH  
Record Type: ABSTRACT  
Supplier Record Type: Press Release

...and a 'Solar Protect' windshield, which has an extremely thin interference film in between the layers of laminated glass. This lowers incoming heat by about 50 percent.

The Vectra 'Sport' package, which will...

...215/45 R 17 tyres. Inside, the driver sits behind a three-spoke, leather-covered steering wheel on a sport seat with leather upholstery for the side bolsters and 'Checkers' upholstery fabric...

...adds 17-inch alloy wheels, leather trim in dark petrol green and a two-colour steering wheel, mahogany wood trim, a solar protect windshield, a radiator grille in the body colour, and the CCR...

...in the dashboard), the latest generation of navigation equipment, and a GSM cell phone, including steering wheel remote controls.

Zafira: More Powerful Engines and New Equipment Packages: More power ... Sport' package, which - besides a special sport suspension - includes sport seats and a leather-covered steering wheel. For the Astra station wagon, Opel has put together the 'Trail' package. It consists of...

14/3,K/4 (Item 3 from file: 81)  
DIALOG(R)File 81:MIRA - Motor Industry Research  
(c) 2006 MIRA Ltd. All rts. reserv.

124751  
Perfect circle?  
WOODS W  
AUTOMOTIVE & TRANSPORTATION INTERIORS  
October 1, 1998  
Page : 32  
Supplementary Info: Vol.5 No.10  
Collation : 5p

Document Type: JOURNAL Language: ENGLISH  
Record Type: ABSTRACT  
Supplier Record Type: ABN

Opinions on the future of the steering wheel are divided with some advocating its replacement by a joystick, akin to that used in a fighter aircraft or video game, utilising drive by wire technology. Others see the steering wheel as staying for some time to come, believing that alternatives will meet with an acceptance...

...luxurious and decorative in appearance. TRW, Delphi, Autoliv and Breed are striving to offer OEMs steering wheel products that include a pre-assembled airbag. Increasingly, suppliers are making use of materials formerly restricted to luxury vehicles, such as leather, real wood and wood laminates, as well as other decorative finishes. Multiplexing and

Robert Finley

improvement in switch design (e.g. advanced...

...location of more electronic controls (e.g. for radio, HVAC systems, cruise control) on the steering wheel . (DM)

...Descriptors : STEERING WHEELS

14/3,K/5 (Item 1 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2006 The HW Wilson Co. All rts. reserv.

2054889 H.W. WILSON RECORD NUMBER: BAST99050981  
Film laminate dresses up TPO interior trim  
Molding Systems v. 57 no8 (Aug. 1999) p. 10-11  
DOCUMENT TYPE: Feature Article ISSN: 0032-1273

Film laminate dresses up TPO interior trim

...ABSTRACT: its Thermark interior-formable film technology to thermoplastic olefins (TPOs) to produce the look of wood grains, high-tech metallics, geometrics, and organic patterns. This breakthrough allows automotive OEMs to use...

...recyclability benefits, for such interior injection-molded parts as console bezels, instrument and door panels, steering wheel covers, switch plates and bezels, and airbag doors.

DESCRIPTORS: ... Laminated plastics;

19/3,K/1 (Item 1 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

04026946 JICST ACCESSION NUMBER: 99A0395084 FILE SEGMENT: JICST-E  
Turning Characteristics of Articulated Tracked Vehicles.  
YAMAKAWA JUN'YA (1); WATANABE KEIJI (1); INAGAKI TOMOHISA (1); KITANO  
MASANORI (1); JOZAKI HIROMI (1)  
(1) Natl. Def. Acad.  
Nippon Kikai Gakkai Kikai Rikigaku, Keisoku Seigyo Koen Ronbunshu, 1999,  
VOL.1999,NO.A, PAGE.113-116, FIG.11, REF.2  
JOURNAL NUMBER: L1497AAE  
UNIVERSAL DECIMAL CLASSIFICATION: 621.87  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Conference Proceeding  
ARTICLE TYPE: Short Communication  
MEDIA TYPE: Printed Publication

YAMAKAWA JUN'YA (1); WATANABE KEIJI (1); INAGAKI TOMOHISA (1); KITANO  
MASANORI (1); JOZAKI HIROMI (1)  
...DESCRIPTORS: steering gear ;

19/3,K/2 (Item 2 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

02078362 JICST ACCESSION NUMBER: 94A0654015 FILE SEGMENT: JICST-E  
Driving Control of an Automated Guided Vehicle Using Linear Induction  
Motors.  
MAKINO TOSHIAKI (1); MARUKO MORIHISA (2)  
(1) Hitachi, Ltd., Mech. Eng. Res. Lab.; (2) Hiroshimajoshishotandai  
Shisutemu Seigyo Joho Gakkai Ronbunshi(Transactions of the Institute of  
Systems, Control and Information Engineers), 1994, VOL.7,NO.7,  
PAGE.237-246, FIG.11, TBL.3, REF.24  
JOURNAL NUMBER: L0070AAI  
UNIVERSAL DECIMAL CLASSIFICATION: 621.87  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

MAKINO TOSHIAKI (1)  
ABSTRACT: This paper reports a linear-type steering mechanism , an image  
guidance system, and a steering control method in linear-type automated  
guided vehicles...

...characteristics of four-wheel linear-type automated guided vehicles, we  
propose linear-type traveling, and steering mechanisms made up of  
on-the-vehicle two linear induction motors. They generate a thrust  
between...

...guidance system that uses the signals from an image sensor to control a  
linear-type steering mechanism . In traveling experiments, a  
prototype automated guided vehicle was verified to travel smoothly on a  
...

19/3,K/3 (Item 3 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

01575203 JICST ACCESSION NUMBER: 92A0456173 FILE SEGMENT: JICST-E  
Autonomous Mobile Robot Using Visual Information. Application of Neural  
Network.

SUGIURA HIDEKI (1); SUEMATSU YOSHIKAZU (1); INAGAKI TAKEHIKO (1); OKADA KAZUNORI (1)  
(1) Nagoya Univ.  
Nippon Kikai Gakkai Tokai Shibu Sokai Koenkai Koen Ronbunshu, 1992,  
VOL.41st, PAGE.208-210, FIG.6, REF.3  
JOURNAL NUMBER: L0013AAT  
UNIVERSAL DECIMAL CLASSIFICATION: 007.52  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Conference Proceeding  
ARTICLE TYPE: Short Communication  
MEDIA TYPE: Printed Publication

SUGIURA HIDEKI (1); SUEMATSU YOSHIKAZU (1); INAGAKI TAKEHIKO (1); OKADA KAZUNORI (1)  
...DESCRIPTORS: steering gear ;

19/3,K/4 (Item 4 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

01530086 JICST ACCESSION NUMBER: 92A0434793 FILE SEGMENT: JICST-E  
High-Speed Driving Control of an Automatic Guided Vehicle Using an Image Sensor.  
MAKINO TOSHIAKI (1); OIZUMI JUN'ICHI (1); HASHIMOTO NAOTO (2)  
(1) Hitachi, Ltd., Mechanical Engineering Res. Lab.; (2) Hitachi, Ltd., Kasado Works  
Keisoku Jido Seigyo Gakkai Ronbunshu(Transactions of the Society of Instrument and Control Engineers), 1992, VOL.28,NO.5, PAGE.595-603, FIG.15, TBL.2, REF.18  
JOURNAL NUMBER: S0104AAH ISSN NO: 0453-4654 CODEN: KJSRA  
UNIVERSAL DECIMAL CLASSIFICATION: 621.87  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

MAKINO TOSHIAKI (1); OIZUMI JUN'ICHI (1)  
ABSTRACT: High accuracy, high response guidance and high steering mechanism response at high speed are required to improve the travelling characteristics of an unmanned delivery...  
...a component of modern FA systems. In this paper, an image sensor guidance scheme and steering mechanism for a high-speed AGV are developed considering limit velocity for stable travel and control...

19/3,K/5 (Item 5 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

01310563 JICST ACCESSION NUMBER: 91A0561021 FILE SEGMENT: JICST-E  
An Algorithm to Improve the Steering Characteristics of an Automatic Guided Vehicle.  
MAKINO TOSHIAKI (1); TANAKA HIDEKI (1); TERADA KATSUYUKI (1)  
(1) Hitachi, Ltd., Mechanical Engineering Res. Lab.  
Shisutemu, Seigyo, Joho(Systems, Control and Information), 1991, VOL.35,NO.3, PAGE.R.103-R.110, FIG.11, TBL.1, REF.16  
JOURNAL NUMBER: G0902ACZ ISSN NO: 0916-1600  
UNIVERSAL DECIMAL CLASSIFICATION: 621.87  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

MAKINO TOSHIAKI (1); TANAKA HIDEKI (1); TERADA KATSUYUKI (1)

...DESCRIPTORS: steering gear ;

19/3,K/6 (Item 6 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

00981961 JICST ACCESSION NUMBER: 90A0261965 FILE SEGMENT: JICST-E  
A treated case of duodenal damage due to a steering wheel injury for  
which diagnosis was difficult.

MAEDA TOSHIHIRO (1); KOIDO YUICHI (1); KUSHIMOTO SHIGEKI (1); KANENARI  
HIDEO (1); MORIKAWA MASAHIRO (1); HASEGAWA YUJI (1); HIRAMA HISAO (1);  
AKUTSU ISAO (1); MAKINO TOSHIRO (1)

(1) Aizu Central Hospital  
Nippon Kyukyu Igakkai Kanto Chihokai Zasshi, 1989, VOL.10,NO.1,  
PAGE.130-131, FIG.4, REF.6

JOURNAL NUMBER: Y0860AAC ISSN NO: 0287-301X  
UNIVERSAL DECIMAL CLASSIFICATION: 616.34+.35  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

A treated case of duodenal damage due to a steering wheel injury for  
which diagnosis was difficult.

...TOSHIHIRO (1); KOIDO YUICHI (1); KUSHIMOTO SHIGEKI (1); KANENARI HIDEO  
(1); MORIKAWA MASAHIRO (1); HASEGAWA YUJI (1); HIRAMA HISAO (1); AKUTSU  
ISAO (1); MAKINO TOSHIRO (1)

19/3,K/7 (Item 7 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

00203586 JICST ACCESSION NUMBER: 86A0128477 FILE SEGMENT: JICST-E  
Basic study on the steering control of unmanned transport truck. Study on  
the automation of cargo handling and transporting equipment. 5.

MAKINO TOSHIAKI (1); TANAKA HIDEKI (1); HASHIMOTO NAOTO (2); HIRAI ATSUO  
(3)

(1) Hitachi Ltd., Mechanical Engineering Res. Lab.; (2) Hitachi Ltd.,  
Kasado works; (3) Hitachikidenkogyoamagasakiijigyosho  
Bikuru Otomeshon Shinpojiumu Koen Ronbunshu, 1986, VOL.9th, PAGE.35-38,  
FIG.10, REF.6

JOURNAL NUMBER: Z0897AAJ  
UNIVERSAL DECIMAL CLASSIFICATION: 621.87  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Conference Proceeding  
ARTICLE TYPE: Short Communication  
MEDIA TYPE: Printed Publication

MAKINO TOSHIAKI (1); TANAKA HIDEKI (1)  
...DESCRIPTORS: power steering gear ;  
...BROADER DESCRIPTORS: steering gear ;



File 9:Business & Industry(R) Jul/1994-2006/Aug 30  
(c) 2006 The Gale Group  
File 15:ABI/Inform(R) 1971-2006/Aug 31  
(c) 2006 ProQuest Info&Learning  
File 20:Dialog Global Reporter 1997-2006/Aug 31  
(c) 2006 Dialog  
File 111:TGG Natl.Newspaper Index(SM) 1979-2006/Aug 18  
(c) 2006 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Aug 31  
(c) 2006 The Gale Group  
File 624:McGraw-Hill Publications 1985-2006/Aug 31  
(c) 2006 McGraw-Hill Co. Inc

Set	Items	Description
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S2	4080655	FIBER OR FIBERS OR FIBROUS OR MATERIAL OR MATERIALS OR FABRIC OR POLYESTER OR NYLON OR URETHANE OR CHEMICAL() (FIBERS OR FIBERS)
S3	1205851	ADHESIVE OR ADHESIVES OR GLUE OR BOND OR BONDING OR ADHERE OR ADHERING OR ADHERENCE OR COHESION OR (THERMOSETTING OR UREA OR MELAMINE OR PHENOL OR EPOXY OR DIALIYL OR PHTHALATE)(2N) (- RESIN OR RESINS)
S4	547431	PERMEAT??? OR IMPREGNAT??? OR PERVAD??? OR SATURAT??? OR PENETRAT???
S5	3604	S1(4N)S2
S6	412	S5(S)S3
S7	18	S6(2S)S4
S8	12	S7 NOT PY>2003
S9	11	RD (unique items)
S10	36199	(STEERING OR HAND)() (WHEEL OR WHEELS OR APPARATUS OR GEAR - OR MECHANISM OR MECHANISMS) OR STEERINGWHEEL OR STEERINGWHEELS OR HANDWHEEL OR HANDWHEELS
S11	599247	LAYER??? OR LAMINAT??? OR SANDWICH??? OR STRATA? ? OR PLY - OR PLYS OR PLIES OR STRATIFIED OR STRATIFORM??
S12	738294	LIGNEOUS OR WOOD OR PLYWOOD OR VENEER OR TIMBER OR LUMBER
S13	23	S10(S)S11(S)S12
S14	14	S13 NOT PY>2003
S15	12	RD (unique items)
S16	0	AU=(MAKINO, T? OR MAKINO T? OR MAKINO(2N)T?)
S17	0	AU=(KINPARA, S? OR KINPARA S? OR KINPARA(2N)S?)
S18	3	AU=(INAGAKI, T? OR INAGAKI T? OR INAGAKI(2N)T?)
S19	0	(S16 OR S17 OR S18) AND S10

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9/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2006 The Gale Group. All rts. reserv.

03107930 Supplier Number: 106515802  
Careleaves Bosui Type Adhesive Bandage - M MANUFACTURER: Nichiban CATEGORY:  
372 - First Aid Products.

International Product Alert, v 20, n 15  
August 04, 2003  
DOCUMENT TYPE: Journal; News Brief ISSN: 1086-1238 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 134

TEXT:

A new Bosui Type Adhesive Bandage has recently been introduced to consumers in Japan. This product is said to be...

...for when bathing or washing dishes. The bandage is made of a double layer of non - woven urethane film that is said to fit close to the skin to prevent water from entering the bandage. According to Marketing News in Japan, this product allows air to penetrate the bandage so that the covered skin will not turn white. It is offered in...

9/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2006 The Gale Group. All rts. reserv.

02556106 Supplier Number: 24973383 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
TOP 2001 COMPANIES - Part 30  
(Precision Custom Coatings LLC had worldwide nonwoven sales of \$52 mil)  
Nonwovens Industry, v 32, n 9, p 31  
September 2001  
DOCUMENT TYPE: Journal; Ranking ISSN: 0163-4429 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 3950

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...In terms of production capabilities, Lohmann has the ability to produce 13,000 tons of nonwoven material annually and currently the company is running at 11,000 tons. This capacity is broken down between air through bonding (40%), needlepunching (30%) and resin bonded (30%). The company recently upped its needlepunch production approximately...

...s sole facility. The company is also preparing to upgrade one of its air through bonding lines.  
"We've been focusing heavily on investment and we feel we've really turned ...

9/3,K/3 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

02544392 291175281  
Breathing new life into dust collection filters  
Johnson, John; Handy, John  
Ceramic Industry v153n2 PP: 39-41 Feb 2003  
ISSN: 0009-0220 JRNL CODE: CCIY  
WORD COUNT: 1107

...TEXT: energy is shared by several filters per blow pipe, and as filters

age and become impregnated with dust particles, the effectiveness of the cleaning is slowly negated. The dust on and...

...these filters by using dedicated compressed air energy to effectively remove dust particles that have penetrated the filter media. The cleaning technique is performed off-line, which prevents dust re-entrainment...

...pulse baghouses with top-entry access. The service will work with all filter media-including polyester, aramid, acrylic, fiberglass, spun-bond and other high performance media, such as membrane technology-applied to any substrate, and it...

9/3,K/4 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

02344301 113889147  
Revitalizing today's dust collectors to meet tomorrow's needs  
Anderson, Tom  
Ceramic Industry v152n4 PP: 27-32 Apr 2002  
ISSN: 0009-0220 JRNL CODE: CCIY  
WORD COUNT: 1849

...TEXT: oil. For difficult filtration problems, a polytetrafluoroethylene (PTFE) membrane can be laminated to the basic spun-bond polyester media to produce a filter with high release characteristics and high efficiencies for fine particles...

...particles and/or the release of sticky, agglomerating material, the elements can be both carbon-impregnated to minimize the electrostatic charge and laminated with a PTFE membrane for greater collection efficiency ...

9/3,K/5 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

02278436 86926151  
Interconnect solutions for advanced area array packaging  
Hendriksen, M W; Frimpong, F K; Ekere, N N  
Microelectronics International v16n2 PP: 49-54 1999  
ISSN: 1356-5362 JRNL CODE: MCLT  
WORD COUNT: 3678

...TEXT: used within the SBU test vehicle to assess their Excimer laser ablation capability. The first material was a reinforced non-woven epoxy aramid dielectric with the aramid fibre reinforcements randomly dispersed within the epoxy resin (52 per cent) matrix. Resin coated copper (RCC) foil was the second material under investigation, exhibiting a different structure with no reinforcement, based on a 100 per cent epoxy resin matrix. These materials differ from the conventional PCB laminate (FR-4) with its woven glass fibre impregnated with an epoxy resin. The woven characteristic of the inorganic glass reinforcement makes it difficult to laser ablate, resulting...

9/3,K/6 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

01912228 05-63220  
Evaluation of activated carbon filters for removal of ozone at the PPB

level

Lee, Poshin; Davidson, Jane  
American Industrial Hygiene Association Journal v60n5 PP: 589-600  
Sep/Oct 1999  
ISSN: 0002-8894 JRNL CODE: AIH  
WORD COUNT: 5760

...TEXT: in Figure 2. The droplets visible in the photos of Filters A and B are adhesive used to bind the carbon granules to each other and to scrims on both sides...

...F are held in place with fibers. Filter G consists of carbon powder in a nonwoven polyester. Filter H is an open cell foam impregnated with the same powdered carbon. The micropores of the ACF Filter I cannot be seen ...

9/3,K/7 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

01016011 96-65404  
Rail and road traffic not bothered during this sewer repair project  
Anonymous  
Water Engineering & Management v142n4 PP: 22 Apr 1995  
ISSN: 0273-2238 JRNL CODE: WEM  
WORD COUNT: 836

...TEXT: Insitutube reconstruction material that would be used to rebuild the pipe. The process uses a non - woven , polyester fiber -felt tube impregnated with a liquid thermosetting resin and coated on one side with an impermeable membrane. The tube was manufactured to the...

...The contractor rehabilitated spans of 600 to 800 feet using a single, continuous section of impregnated tube in each case.

Once the main line had been repaired, a patented robotic device...

9/3,K/8 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

27869503 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Medline and DuPont Medical Fabrics Enter New Marketing Relationship For Protective Surgical Apparel  
PR NEWswire (US)  
March 04, 2003  
JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 593

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... of technologically advanced medical fabrics, teamed with Medline's manufacturing capabilities, sales force and market penetration , are a powerful combination."

"More than 25 years ago, DuPont set a new standard of...

... optimize wearer comfort and dexterity during surgery. The manufacturing process uses no binders, chemicals or adhesives , resulting in a high-purity fabric structure. This minimizes the possibility of product contamination and...

9/3,K/9 (Item 2 from file: 20)

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DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

07234143 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
FiberMark Announces Acquisition of Papierfabrik Lahnstein GmbH  
BUSINESS WIRE  
September 15, 1999  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 569

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... specialty papers and nonwoven materials. Key products include coating substrates for wallcoverings, security papers, self-adhesive labels and flooring overlay. Printing substrates are used for graphic arts applications, specialty tags and...

... Management System certification, and produces materials from synthetic, wood and specialty fibers, with value-added saturating, coating and converting capabilities. Lahnstein is known for its strong customer-oriented research and development...

9/3,K/10 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod. Annou.(R)  
(c) 2006 The Gale Group. All rts. reserv.

01340249 Supplier Number: 46094168 (USE FORMAT 7 FOR FULLTEXT)  
ABRASIVE POWER TOOLS IDEAL FOR SURFACE CONDITIONING AND PREPARATION  
News Release, pN/A  
Jan 26, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 163

(USE FORMAT 7 FOR FULLTEXT)

TEXT:  
...are ideal for surface preparation, conditioning, buffing and polishing. Specific applications include preparation prior to bonding, refining before final finishing, medium and fine grain finishing and final finishing. The tool uses abrasive impregnated non-woven nylon products, coated abrasive flap wheels, buffs and abrasive belts mounted on Dynacushion inflatable pneumatic wheels...

9/3,K/11 (Item 2 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod. Annou.(R)  
(c) 2006 The Gale Group. All rts. reserv.

01036683 Supplier Number: 40003865 (USE FORMAT 7 FOR FULLTEXT)  
NITTO #354 AND #354E UL LISTED FLAME RETARDANT INSULATING TAPE.  
PR Newswire, pN/A  
March 24, 1987  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 115

... A WIDE RANGE OF ELECTRICAL APPLICATIONS INCLUDING TRANSFORMERS, MOTORS, GENERATORS, AND COILS. COMPOSED OF A NON-WOVEN POLYESTER FILM IMPREGNATED WITH EPOXY RESIN AND AVAILABLE WITH EITHER RUBBER (#354E) OR ACRYLIC THERMOSETTING ADHESIVE SYSTEMS (#354) IT OFFERS UNIQUE...

15/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2006 The Gale Group. All rts. reserv.

02422240 Supplier Number: 24820173 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
High-Tech Old-School Luxury  
(Lexus has introduced the new LS 430 luxury sedan with a 4.5 L, 290  
horsepower, v8 engine)  
Autoweek, v 51, p 28  
April 09, 2001  
DOCUMENT TYPE: Journal ISSN: 0005-1802 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1124

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...washers, power door closers (\$12,290); navigation system package, which  
includes navigation system, four-spoke wood and leather steering wheel  
, power sunroof, heated front seats (\$4,000); Mark Levinson audio package,  
which includes Mark Levinson...

15/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2006 The Gale Group. All rts. reserv.

02280199 Supplier Number: 25849410 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Culture Clash  
(With more technology being introduced, automobile interior designers are  
pressed for space inside vehicles)  
Automotive News International, p 22+  
October 2000  
DOCUMENT TYPE: Journal (United Kingdom)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2240

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...Technology's push has interior designers pressed for space inside the  
car. Headliners, once simple layers of fabric-covered wood or plastic,  
now incorporate airbags, instrumentation, storage, video screens and  
grab-handles. Steering wheels that once carried just a horn button now  
house airbag modules and buttons for the...

15/3,K/3 (Item 3 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01224458 Supplier Number: 23845492 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Some new cars offer more room  
(US automakers turning to lighter-weight materials for increased passenger  
and luggage room in new models)  
American Metal Market, v 105, n 61, p 6  
March 31, 1997  
DOCUMENT TYPE: Journal; Industry Overview ISSN: 0002-9998 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 767

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...also has a large steering column support made of magnesium instead of

Robert Finley

steel, and the steering wheel armature also is magnesium. Both the front and rear undercarriage structural crossmembers are aluminum instead ...

...5.7-liter Corvette V-8 engine also is aluminum, replacing cast iron. A balsa wood core sandwiched between two sheets of plastic composites makes up the floor of the Corvette (AMM, March...

15/3,K/4 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

01554429 02-05418  
Industry's amazing instant prototypes  
Bylinsky, Gene  
Fortune v137n1 PP: 120B-120D; European 52-54 Jan 12, 1998  
ISSN: 0015-8259 JRNL CODE: FOR  
WORD COUNT: 2349

...TEXT: paper. His company, Helisys of Torrance, Calif., makes remarkably sturdy objects by a process called laminated -object manufacturing. A blue CO2 laser traces each layer by burning, moving like a crazed ice dancer carving a turn here, a straight line there. Successive layers are bonded by adhesive. Helisys, whose machines have modeled auto steering wheels, bumpers, and other shapes that feel like wood to the touch, is a \$12-million-a-year public company.

Meanwhile, a group of...

15/3,K/5 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

32230819  
Grivory for luxurious automotive design.  
CHEMICAL BUSINESS NEWSBASE - PRESS RELEASE  
October 16, 2003  
JOURNAL CODE: FPRR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 85

Materials such as wood and leather are usually restricted to luxury cars, but using the very versatile engineering plastic Grivory from EMS-GRIVORY, wood applications are now nothing unusual in reasonably priced vehicles. In the BMW 3 Series, a luxurious and pleasant ambience is created by using steering wheel struts made of real wood veneer laminated with Grivory. Grivory GV-H6 is also important from the property point of view with...

15/3,K/6 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

32137545  
Mazda hydrogen car well advanced and under test -  
CANBERRA TIMES  
November 07, 2003  
JOURNAL CODE: WCTS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 935

... vanity mirrors, a six-CD audio system with Infinity speakers, a removable centre console, a wood-grain instrument panel, fog lamps and illuminated entry. Segment-leading innovations include the power-up...

... seat and lumbar support and seat- back pockets. It has a three-spoke leather-bound steering wheel , rear-seat centre arm rest with cupholders, three height- adjustable rear-seat head restraints, driver...

...in-dash CD changer, power windows all round, air conditioning and unique floor mats. The steering wheel , automatic transmission selector and handbrake are leather- wrapped

15/3,K/7 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

30724745 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Tunes that hid a guilty secret: At age 14, Lisa Murch was drawn into a strange relationship with her guitar teacher. She's still trying to make sense of it

Lisa Murch  
SUNDAY TELEGRAPH (UNITED KINGDOM), p05  
August 17, 2003  
JOURNAL CODE: FSTL LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1286

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... darkening trees, he licked a cigarette paper and began to roll a fag on the steering wheel . "Weren't you scared I'd do something?" he said.  
"I don't know," I...

15/3,K/8 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

23358396  
Toyota announces pricing for 2003 Avalon sedan  
CANADA NEWswire  
June 14, 2002  
JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 906

... refinements include a new layered meter gauge background. A leather-wrapped steering wheel with simulated wood -grain accents has been added to complement the standard leather seating. For even greater safety ...

15/3,K/9 (Item 5 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

23267856 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Toyota Announces Prices for 2003 Avalon Full-Size Sedan  
PR NEWswire  
June 10, 2002  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 368

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... new layered meter gauge background on all grades, and a leather-wrapped steering wheel with wood -grain accents as standard equipment on the premium XLS grade. Additionally, perforated leather-trim



interior...

15/3,K/10 (Item 6 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

22016317  
7 Series: splendid mechanicals in daring clothes  
SECTION TITLE: Motoring  
FINANCIAL GAZETTE  
March 28, 2002  
JOURNAL CODE: WFGZ LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1973

...Given the emphasis on safety these days, its a little surprising to find a large wood inlay occupying the full width of the central dash surface but I guess the manufacturer...

... crushable extracts of tree. On an aesthetic note, beware of ordering what is called "Cherry " timber finish - it ...beautifully weighted power steering and the manual control offered by the Steptronic auto box. The steering wheel switches (or paddles) provide down changes on the front of the wheel and upchanges on...

15/3,K/11 (Item 7 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

18316157 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
It Rocks ... It Rolls ... It's the StreetCarver from BMW  
PR NEWswire  
August 13, 2001  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 462

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... maintaining full control as they "carve" turns. For optimal damping, the deck features the same wood and fiberglass insert sandwich construction used for snowboards.

Safety features include wear indicators on the hard rubber covers of ...

15/3,K/12 (Item 8 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

12730408 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
In silver shadows, wish gently for a Bentley  
CANBERRA TIMES , CT ed, p20  
September 08, 2000  
JOURNAL CODE: WCTS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1074

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... of-all-trades - though it could be suspected that the man stitching leather on to steering wheels was a specialist. Each wheel took 14 hours to cover, Rod said. Close to 3000...

... vehicles, the leather for the upholstery, the piping, the carpets, and carpet piping and the wood for the trim. There is a museum, too, where

Robert Finley

Rod mentioned one modification that had...

File 35:Dissertation Abs Online 1861-2006/Jun  
 (c) 2006 ProQuest Info&Learning  
 File 144:Pascal 1973-2006/Aug w1  
 (c) 2006 INIST/CNRS  
 File 323:RAPRA Rubber & Plastics 1972-2006/Aug  
 (c) 2006 RAPRA Technology Ltd  
 File 484:Periodical Abs Plustext 1986-2006/Aug w4  
 (c) 2006 ProQuest

Set	Items	Description
S1	5855	NONWOVEN OR NON()WOVEN OR MELTBLOWN OR SPUNLACED OR SPUNBONDED OR STITCHBONDED OR STRETCHBONDED OR (SPUN OR STITCH OR STRETCH)() (BOND OR BONDED OR LACE OR LACED) OR (DRY OR WET OR -AIR)() LAID
S2	1957604	FIBER OR FIBERS OR FIBROUS OR MATERIAL OR MATERIALS OR FABRIC OR POLYESTER OR NYLON OR URETHANE OR CHEMICAL() (FIBERS OR FIBERS)
S3	523789	ADHESIVE OR ADHESIVES OR GLUE OR BOND OR BONDING OR ADHERE OR ADHERING OR ADHERENCE OR COHESION OR (THERMOSETTING OR UREA OR MELAMINE OR PHENOL OR EPOXY OR DIALIYL OR PHTHALATE) (2N) (-RESIN OR RESINS)
S4	462868	PERMEAT??? OR IMPREGNAT??? OR PERVAD??? OR SATURAT??? OR PENETRAT???
S5	3552	S1(1N)S2
S6	164	S5(2N)S3
S7	38	S6(S)S4
S8	35	S7 NOT PY>2003
S9	32	RD (unique items)
S10	4612	(STEERING OR HAND)() (WHEEL OR WHEELS OR APPARATUS OR GEAR - OR MECHANISM OR MECHANISMS) OR STEERINGWHEEL OR STEERINGWHEELS OR HANDWHEEL OR HANDWHEELS
S11	702082	LAYER??? OR LAMINAT??? OR SANDWICH??? OR STRATA? ? OR PLY - OR PLYS OR PLIES OR STRATIFIED OR STRATIFORM??
S12	152931	LIGNEOUS OR WOOD OR PLYWOOD OR VENEER
S13	20	S10(S2)S11(S2)S12
S14	17	S13 NOT PY>2003
S15	698	AU=(MAKINO, T? OR MAKINO T? OR MAKINO(2N)T?)
S16	5	AU=(KINPARA, S? OR KINPARA S? OR KINPARA(2N)S?)
S17	468	AU=(INAGAKI, T? OR INAGAKI T? OR INAGAKI(2N)T?)
S18	0	(S15 OR S16 OR S17) AND S10

9/3,K/1 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

01108133 ORDER NO: AAD90-15480  
THE VAPOR PERMEABILITY AND WEAR RESISTANCE OF FULL-BODY PROTECTIVE  
GARMENTS. (VOLUMES I AND II)  
Author: CVEJANOVICH, GEORGE JOHN  
Degree: PH.D.  
Year: 1989  
Corporate Source/Institution: TEXAS A&M UNIVERSITY (0803)  
Source: VOLUME 51/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 367. 473 PAGES

...studies showed that both Viton, a perfluorinated hydrocarbon and  
Saranex-laminated Tyvek, a laminated polyethylene spun - bond fiber ,  
both demonstrated superior permeation resistance to most solvent vapors.  
However, Saranex-laminated Tyvek showed poor stability to laundering and...

...although resistant to repeated cleanings, was the poorest of the  
materials tested in terms of permeation resistance to solvent vapors. The  
other two polymers occupy intermediate positions between natural rubber and  
...

9/3,K/2 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2006 INIST/CNRS. All rts. reserv.

07051076 PASCAL No.: 86-0051157  
Pressure dependence of liquid epoxy resin impregnation through  
polyester non - woven fabric in vacuum  
KUREMATSU K; KOISHI M  
Toshiba corp., Kanagawa-ken 210, Japan  
Journal: Colloid and polymer science, 1985, 263 (8) 638-646  
Language: ENGLISH

Pressure dependence of liquid epoxy resin impregnation through  
polyester non - woven fabric in vacuum

9/3,K/3 (Item 2 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2006 INIST/CNRS. All rts. reserv.

07002462 PASCAL No.: 86-0002462  
Kinetic studies on void formation during liquid epoxy resin  
impregnation through polyester non - woven fabric  
KUREMATSU K; KOISHI M  
Toshiba corp., Saiwai-ku Kawasaki-City Kanagawa-ken 210, Japan  
Journal: Colloid and polymer science, 1985, 263 (6) 454-461  
Language: ENGLISH

Kinetic studies on void formation during liquid epoxy resin  
impregnation through polyester non - woven fabric

9/3,K/4 (Item 3 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2006 INIST/CNRS. All rts. reserv.

05509904 PASCAL No.: 84-0009935  
Temperature dependence of liquid epoxy resin impregnation through  
polyester non - woven fabric  
KUREMATSU K; KOISHI M

Robert Finley

Toshiba corp., Saiwai-ku Kawasaki-city Kanagawa-ken 210, Japan  
Journal: Colloid and polymer science, 1983, 261 (10) 834-845  
Language: English

Temperature dependence of liquid epoxy resin impregnation through  
polyester non - woven fabric

9/3,K/5 (Item 1 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
(c) 2006 RAPRA Technology Ltd. All rts. reserv.

00871673

TITLE: FILTRATION FOCUS

AUTHOR(S): Bitz K

SOURCE: Nonwovens Industry; 33, No.11, Nov.2002, p.50/8

ISSN: 0163-4429

JOURNAL ANNOUNCEMENT: 200301 RAPRA UPDATE: 200226

DOCUMENT TYPE: Journal Article

LANGUAGE: English

SUBFILE: (R) RAPRA

...DESCRIPTORS: PLANT CONSTRUCTION; PLASTIC; POLYAMIDE; POLYPHENYLENE  
SULPHIDE; POLYPROPENE; POLYPROPYLENE; POLYVINYL CHLORIDE; PP; PPS;  
PRODUCT DEVELOPMENT; PVC; SATURATED POLYESTER ; SPUN BOND ;  
STANDARD; STATISTICS; STRENGTH; TAKEOVER; THERMOPLASTIC; WATER FILTER

9/3,K/6 (Item 2 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00871672

TITLE: GEOTEXTILE MARKET IN JAPAN

AUTHOR(S): Ohmura K

CORPORATE SOURCE: Osaka Chemical Marketing Center

SOURCE: Nonwovens Industry; 33, No.11, Nov.2002, p.26

ISSN: 0163-4429

JOURNAL ANNOUNCEMENT: 200301 RAPRA UPDATE: 200226

DOCUMENT TYPE: Journal Article

LANGUAGE: English

SUBFILE: (R) RAPRA

...DESCRIPTORS: SHARE; MECHANICAL PROPERTIES; MULTI-LAYER; MULTILAYER;  
NEEDLE PUNCHING; NEEDLEFELT; NON-WOVEN; PLASTIC; POLYPROPENE;  
POLYPROPYLENE; PP; SATURATED POLYESTER ; SEEPAGE; SPUN BOND ;  
STATISTICS; STRENGTH; THERMOPLASTIC

9/3,K/7 (Item 3 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00823228

TITLE: JCW SELECTION OF STATISTICAL TABLES

SOURCE: Japan Chemical Week; 42, No.2133, 2nd-9th Aug.2001, p.8

ISSN: 0047-1755

CODEN: JCHWAC JOURNAL ANNOUNCEMENT: 200110 RAPRA UPDATE: 200119

DOCUMENT TYPE: Journal Article

LANGUAGE: English

SUBFILE: (R) RAPRA

...DESCRIPTORS: PE; PLASTIC; POLYAMIDE; POLYETHYLENE; POLYPROPENE;  
POLYPROPYLENE; POLYVINYL CHLORIDE; PP; PRODUCTION CAPACITY; PVC; RUBBER  
; SALE; SALES; SATURATED POLYESTER ; SPUN BOND ; STABILISER;

Robert Finley

STABILIZER; STATISTICS; SUPPLY; TABLES; THERMOPLASTIC; TIRE; TYRE

9/3,K/8 (Item 4 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics  
(c) 2006 RAPRA Technology Ltd. All rts. reserv.

00735512

TITLE: GOIC SETS THE SCENE FOR GULF INVESTMENTS  
SOURCE: European Chemical News; 70, No.1865, 14th-20th June 1999, p.37  
ISSN: 0014-2875  
CODEN: ECHNAW JOURNAL ANNOUNCEMENT: 199908 RAPRA UPDATE: 199915  
DOCUMENT TYPE: Journal Article  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...DESCRIPTORS: PARTNERSHIP; PE; PETROCHEMICAL INDUSTRY; PETROCHEMICALS  
INDUSTRY; PLANT CONSTRUCTION; PLASTIC; POLYETHYLENE; POLYPROPENE;  
POLYPROPYLENE; PP; PRODUCTION CAPACITY; SATURATED POLYESTER ; SPUN  
BOND ; STATISTICS; TABLES; THERMOPLASTIC; WAX

9/3,K/9 (Item 5 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00605184

TITLE: LOOKING EAST  
AUTHOR(S): Adversario P  
SOURCE: Asian Chemical News; 2, No.90, 2nd Sept.1996, p.7  
ISSN: 1356-5389  
JOURNAL ANNOUNCEMENT: 199612 RAPRA UPDATE: 199624  
DOCUMENT TYPE: Journal Article  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...DESCRIPTORS: ECONOMIC INFORMATION; FIBRE; GROSS DOMESTIC PRODUCT;  
INVESTMENT; JOINT VENTURE; MONOFILAMENT; PACKAGING; PETP; PLASTIC;  
POLYETHYLENE TEREPHTHALATE; SATURATED POLYESTER ; SPUN BOND ;  
STATISTICS; THERMOPLASTIC; FIBER; PET

9/3,K/10 (Item 6 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00488996

TITLE: HOECHST PLANS EXPANSION FOR TREVIRA  
SOURCE: High Performance Textiles; Aug.1993, p.13-4  
ISSN: 0144-5871  
JOURNAL ANNOUNCEMENT: 199310 RAPRA UPDATE: 199319  
DOCUMENT TYPE: Journal Article  
LANGUAGE: English  
SUBFILE: (R) RAPRA

DESCRIPTORS: COMMERCIAL INFORMATION; COMPANY; FABRIC; FIBRE; FORECAST;  
INVESTMENT; MONOFILAMENT; PLANT EXPANSION; PLASTIC; QUALITY CONTROL;  
SALES; SATURATED POLYESTER ; SPUN BOND ; THERMOPLASTIC; FIBER

9/3,K/11 (Item 7 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00456915

Robert Finley

**TITLE: COMPANY NEWS**

SOURCE: Plastics Industry News (Japan); 38, No.8, Aug.1992, p.118-9  
JOURNAL ANNOUNCEMENT: 199212 RAPRA UPDATE: 199222  
DOCUMENT TYPE: Journal Article  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...DESCRIPTORS: POLYALLYLATE; POLYAMIDE; POLYETHYLENE; POLYOLEFIN;  
POLYPROPYLENE; POLYSTYRENE; POLYVINYL CHLORIDE; PP; PROPYLENE POLYMER;  
PS; PVC; REINFORCEMENT; SAN; SATURATED POLYESTER ; SHEET; SPUN  
BOND ; STYRENE POLYMER; STYRENE-ACRYLONITRILE COPOLYMER; TECHNOLOGY  
TRANSFER; THERMOPLASTIC; VINYL CHLORIDE POLYMER; WHISKER; MOLD RELEASE  
AGENT

9/3,K/12 (Item 8 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00439318

TITLE: PLATAMID, PLATHERM, PLATHEN, PLATABOND, PLATILON, PLATON,  
SPEZIAL-LACKE. DELIVERY PROGRAMME  
CORPORATE SOURCE: ATOCHEM DEUTSCHLAND GMBH  
SOURCE: Bonn., c.1991, pp.24. 12ins. 30/9//91. 06  
JOURNAL ANNOUNCEMENT: 199204 RAPRA UPDATE: 199205  
DOCUMENT TYPE: Trade Literature  
LANGUAGE: English  
SUBFILE: (R) RAPRA; (A) Adhesives

...DESCRIPTORS: ADHESIVE; MONOFILAMENT; MONOFILAMENTS; NON-WOVEN; PAINT;  
PLASTIC; PLASTISOL; POLYAMIDE; POLYCARBONATE; POLYURETHANE; PRODUCT  
ANNOUNCEMENT; PU; PVC; SATURATED POLYESTER ; SPUN BOND ; SPUN  
BONDED; TABLES; THERMOPLASTIC; VINYL CHLORIDE POLYMER

9/3,K/13 (Item 9 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00439081

TITLE: HIGH PERFORMANCE PREPREG SYSTEMS  
CORPORATE SOURCE: BRYTE TECHNOLOGIES INC.  
SOURCE: Milpitas, Ca., c.1991, pp.3. 11ins. 9/9/91. 627  
JOURNAL ANNOUNCEMENT: 199204 RAPRA UPDATE: 199205  
DOCUMENT TYPE: Trade Literature  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...DESCRIPTORS: COMPOSITE; APPLICATION; BIDIRECTIONAL; BISMALEIMIDE POLYMER  
; BISMALEIMIDE RESIN; COMPANIES; COMPANY; COMPOSITE; CURING; CYANATE  
ESTER POLYMER; DATA; EPOXY RESIN ; FABRIC ; IMPREGNAT ; NON-WOVEN  
; PHENOLIC RESIN; PLASTIC; POLYIMIDE; PREPREG; PRODUCT ANNOUNCEMENT;  
PROPERTIES; REINFORCED PLASTIC; REINFORCEMENT; SILICONE POLYMER;  
SILICONE RESIN...

9/3,K/14 (Item 10 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00435403

TITLE: FLEXTER TESTUDO DPM  
CORPORATE SOURCE: BRITISH BOARD OF AGREEMENT; MSP (SOUTHERN) LTD.  
SOURCE: Watford, 1990, pp.6. 12ins. 24/1/91. 42C12-6274-6L21  
JOURNAL ANNOUNCEMENT: 199202 RAPRA UPDATE: 199201

Robert Finley

DOCUMENT TYPE: Trade Literature  
LANGUAGE: English  
SUBFILE: (R) RAPRA  
STANDARD AND SERIES NUMBER: Agreement Board.Certificate 90/2519

...DESCRIPTORS: PLASTIC; POLYMER-MODIFIED; POLYMERIC MODIFIER; PP; PRODUCT  
ANNOUNCEMENT; PROPERTIES; PROPYLENE POLYMER; REINFORCED PLASTIC;  
REINFORCEMENT; ROOF; SATURATED POLYESTER ; SPUN BOND ; SPUN  
BONDED; TABLES; TANK LINING; TECHNICAL; THERMOPLASTIC; FIBER-REINFORCED  
PLASTIC

9/3,K/15 (Item 11 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00435349  
TITLE: IMPROVED DURABILITY OF ROOFING FELTS INCORPORATING NONWOVENS  
SOURCE: High Performance Textiles; Oct.1991, p.11  
ISSN: 0144-5871  
JOURNAL ANNOUNCEMENT: 199202 RAPRA UPDATE: 199201  
DOCUMENT TYPE: Journal Article  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...DESCRIPTORS: POLYMER; PHYSICAL PROPERTIES; PLASTIC; POLYAMIDE;  
POLYOLEFIN; PRODUCT ANNOUNCEMENT; REFLECT; REFLECTIVE; REINFORCEMENT;  
ROOFING FELT; RUBBER; SATURATED; SATURATED POLYESTER ; SPECIFICATION  
; SPUN BOND ; STANDARD; TABLES; TECHNICAL; THERMOPLASTIC; UV  
DEGRADATION; UV RESISTANCE; WATER ABSORPTION; WATER RESISTANCE;  
WEATHERABILITY; WEATHERING; COATED...

9/3,K/16 (Item 12 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00429486  
TITLE: WHY MEDICAL PROCESSING IS OPENING UP FOR BUSINESS  
AUTHOR(S): Cooke F  
SOURCE: European Plastics News; 18, No.8, Sept.1991, p.26/9  
ISSN: 0306-3534  
CODEN: EUPNBT JOURNAL ANNOUNCEMENT: 199112 RAPRA UPDATE: 199121  
DOCUMENT TYPE: Journal Article  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...DESCRIPTORS: POLY-4-METHYLPENTENE-1; POLYCARBONATE; POLYETHYLENE  
TEREPHTHALATE; PP; PRINTING; PROPERTIES; PROPYLENE POLYMER; PROSTHETIC;  
PVC; REGULATION; SATURATED POLYESTER ; SPUN BOND ; STERILISATION;  
SURGICAL APPLICATION; SYRINGE; TAMPER RESISTANT; TECHNICAL;  
THERMOPLASTIC; TOXICITY; VINYL CHLORIDE POLYMER; FIBER; STERILIZATION;  
PET

9/3,K/17 (Item 13 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00426703  
TITLE: GEDAGOM ROOF WATERPROOFING MEMBRANES  
CORPORATE SOURCE: BRITISH BOARD OF AGREEMENT; GEDACO SPA  
SOURCE: Watford, 1990, pp.8. 12ins. 16/11/90. 43C1-6R43  
JOURNAL ANNOUNCEMENT: 199110 RAPRA UPDATE: 199118  
DOCUMENT TYPE: Trade Literature



Robert Finley

LANGUAGE: English  
SUBFILE: (R) RAPRA  
STANDARD AND SERIES NUMBER: Agreement Board.Certificate 90/2505/C

...DESCRIPTORS: DURABILITY; FLAMMABILITY; INSTALLATION; MEMBRANE; NON-WOVEN  
; PLASTIC; POLYMER-MODIFIED; PRODUCT ANNOUNCEMENT; REGULATION; ROOF;  
ROOFING FELT; SATURATED POLYESTER ; SPUN BOND ; TABLES; TECHNICAL  
; THERMOPLASTIC; WATERPROOFING; WEATHER RESISTANCE; WEATHERING

9/3,K/18 (Item 14 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00421298

TITLE: HYDROTECH MONOLITHIC MEMBRANE 6125 ROOFING SYSTEM  
CORPORATE SOURCE: BRITISH BOARD OF AGREEMENT; EUROROOF LTD.  
SOURCE: Watford, 1990, pp.8. 12ins. 17/9/90. 43C1-6R43  
JOURNAL ANNOUNCEMENT: 199107 RAPRA UPDATE: 199112  
DOCUMENT TYPE: Trade Literature  
LANGUAGE: English  
SUBFILE: (R) RAPRA  
STANDARD AND SERIES NUMBER: Agreement Board.Certificate 90/2431

...DESCRIPTORS: FLAMMABILITY; INSTALLATION; JOINT; MEMBRANE; NEOPRENE; PE;  
PLASTIC; PROCESSING AID; PRODUCT ANNOUNCEMENT; REINFORCEMENT; ROOF;  
ROOFING; RUBBER; SATURATED POLYESTER ; SHEET; SPUN BOND ; TABLES;  
TECHNICAL; THERMOPLASTIC; WEATHERING; WEATHERING RESISTANCE

9/3,K/19 (Item 15 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00419056

TITLE: NON-GLASS REINFORCEMENT OF LOW DENSITY SRIM FOR AUTOMOTIVE INTERIOR  
TRIM PARTS  
AUTHOR(S): Kuyzin G S; Schlotterbeck D G; Kent G M  
CORPORATE SOURCE: BASF CORP.  
CONFERENCE PROCEEDINGS: Polyurethanes 89.Conference Proceedings  
CORPORATE EDITOR: SPI,Polyurethane Div.  
SOURCE: San Francisco, Ca., 1st-4th Oct.1989, p.280-7. 43C6  
JOURNAL ANNOUNCEMENT: 199106 RAPRA UPDATE: 199110  
DOCUMENT TYPE: Conference Papers  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...DESCRIPTORS: POLYMER; NON-WOVEN; PLASTIC; POLYAMIDE; POLYISOCYANURATE;  
POLYURETHANE; PRODUCT ANNOUNCEMENT; PU; REACTION MOULD; REINFORCED  
PLASTIC; REINFORCEMENT; SATURATED POLYESTER ; SPUN BOND ;  
STRUCTURAL REACTION INJECTION MOULD; TABLES; TECHNICAL; THERMOSET;  
REACTION MOLD; STRUCTURAL REACTION INJECTION MOLD

9/3,K/20 (Item 16 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00414337

TITLE: SPUN BONDED POLYESTER SURFACE VEIL  
AUTHOR(S): Rogat L A  
CORPORATE SOURCE: REEMAY INC.; STERLING PAPER CORP.  
CONFERENCE PROCEEDINGS: Proceedings of International Symposium on Fibre  
Reinforced Plastics/Composite Materials  
CORPORATE EDITOR: Chinese Silicate Society; FRP Research & Design Institute

Robert Finley

SOURCE: Nanjing, 15th-18th April 1988, Paper 17. 627  
JOURNAL ANNOUNCEMENT: 199104 RAPRA UPDATE: 199106  
DOCUMENT TYPE: Conference Papers  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...DESCRIPTORS: DATA; GLASS MAT; MARINE APPLICATION; MATERIAL REPLACEMENT;  
MATERIALS REPLACEMENT; PIGMENT; PLASTIC; PRODUCT ANNOUNCEMENT;  
REINFORCED PLASTIC; SATURATED POLYESTER ; SPUN BOND ; SURFACE  
VEIL; TABLES; TECHNICAL; THERMOPLASTIC; UV DEGRADATION; UV RESISTANT

9/3,K/21 (Item 17 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00414086  
TITLE: TECHNICAL FIBRES LEAD HOECHST'S MARKET DRIVE  
AUTHOR(S): Williams D  
SOURCE: European Chemical News; 551, No.1452, 17th/24th Dec.1990, p.25-6  
ISSN: 0014-2875  
CODEN: ECHNAW JOURNAL ANNOUNCEMENT: 199104 RAPRA UPDATE: 199106  
DOCUMENT TYPE: Journal Article  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...DESCRIPTORS: PETP; PLANT CONSTRUCTION; PLANT EXPANSION; PLANT START-UP;  
PLASTIC; POLYAMIDE; POLYETHYLENE TEREPHTHALATE; PRODUCTION CAPACITY;  
RECYCLING; SATURATED POLYESTER ; SCRAP; SPUN BOND ; STAPLE FIBRE;  
STATISTICS; TAKEOVER; TECHNICAL; TEXTILE; THERMOPLASTIC; TYRE CORD;  
FIBER; STAPLE FIBER; TIRE CORD; PET

9/3,K/22 (Item 18 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00399144  
TITLE: NEW LAYER ON THE EARTH. BIDIM  
CORPORATE SOURCE: MONOMET LTD.; RHONE-POULENC (UK) LTD.  
SOURCE: London, c.1986, pp.34. 12ins. 17/11/86. 43C1-63ECi  
JOURNAL ANNOUNCEMENT: 199008 RAPRA UPDATE: 199015  
DOCUMENT TYPE: Trade Literature  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...DESCRIPTORS: FILTRATION; GEOTEXTILE; HYDRAULIC; MECHANICAL PROPERTIES;  
NEEDLE; NON-WOVEN; PHYSICAL PROPERTIES; PLASTIC; PRODUCT ANNOUNCEMENT;  
PROPERTIES; REINFORCEMENT; SATURATED POLYESTER ; SPUN BOND ;  
TECHNICAL; THERMOPLASTIC

9/3,K/23 (Item 19 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00375032  
TITLE: EUROPEAN TARGET FOR DHJ LAUNCHES  
SOURCE: Plastics and Rubber weekly; No.1280, 8th April 1989, p.9  
ISSN: 0032-1168  
JOURNAL ANNOUNCEMENT: 198907 RAPRA UPDATE: 198912  
DOCUMENT TYPE: Journal Article  
LANGUAGE: English  
SUBFILE: (R) RAPRA

Robert Finley

...DESCRIPTORS: RESISTANCE; CLOTHING; COATING; COMPANY; COMPANIES; FABRIC;  
FURNITURE; INDUSTRIAL APPLICATION; PE; ETHYLENE POLYMER; PLASTIC;  
PRODUCT ANNOUNCEMENT; SATURATED POLYESTER ; SPUN BOND ; TECHNICAL  
; TEXTILE; THERMOPLASTIC

9/3,K/24 (Item 20 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00364114

TITLE: SPUNBONDED FLAT FILAMENT PREVENTS ROAD CRACKS  
SOURCE: High Performance Textiles; 9, No.1, July 1988, p.10-2  
ISSN: 0144-5871  
JOURNAL ANNOUNCEMENT: 198901 RAPRA UPDATE: 198824  
DOCUMENT TYPE: Journal Article  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...DESCRIPTORS: COMPANY; COMPANIES; ENGINEERING APPLICATION; FILAMENT;  
GEOTEXTILE; IMPREGNAT; NON-WOVEN FABRIC; PATENT; PLASTIC; PRODUCT  
ANNOUNCEMENT; ROAD; SATURATED POLYESTER ; SPUN BOND ; TECHNICAL

9/3,K/25 (Item 21 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00330960

TITLE: GEDAGOM SPUNBOND POLYESTER 4  
CORPORATE SOURCE: BRITISH BOARD OF AGREEMENT; GEDACO SPA  
SOURCE: Watford, 1986, pp.8. 12ins. 20/2/87. 43C1-62(14)-6R43-71  
JOURNAL ANNOUNCEMENT: 198706 RAPRA UPDATE: 198711  
DOCUMENT TYPE: Trade Literature  
LANGUAGE: English  
STANDARD AND SERIES NUMBER: Agreement Board.Certificate 86/1691/C

...DESCRIPTORS: BUILDING APPLICATION; BUILDING APPLICATIONS; COMPANY;  
COMPANIES; DATA; MECHANICAL PROPERTIES; MEMBRANE; PLASTIC; PRODUCT  
ANNOUNCEMENT; REGULATION; ROOF; SATURATED POLYESTER ; SPUN BOND ;  
STANDARD; SYNTHETIC FIBRE; THERMOPLASTIC; WATER RESISTANCE; WATER  
ABSORPTION; WATERPROOF; SYNTHETIC FIBER

9/3,K/26 (Item 22 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00329991

TITLE: FLOATING COVERS PROMISE INCREASED RETURNS FOR NORTHWEST USA  
VEGETABLE GROWERS  
AUTHOR(S): Mansour N S; Hemphill D D  
CORPORATE SOURCE: OREGON UNIVERSITY  
SOURCE: Plasticulture; No.70, 1986, p.45-51  
ISSN: 0396-3969  
JOURNAL ANNOUNCEMENT: 198706 RAPRA UPDATE: 198710  
DOCUMENT TYPE: Journal Article  
LANGUAGE: English

...DESCRIPTORS: PROTECTION; FILM; MULCH; NET; NON-WOVEN FABRIC; PE;  
ETHYLENE POLYMER; PERFORAT; PLASTIC; PP; PROPYLENE POLYMER; SATURATED  
POLYESTER ; SPUN BOND ; TECHNICAL; THERMOPLASTIC

9/3,K/27 (Item 23 from file: 323)

Robert Finley

DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00304215

TITLE: MARLEY 180 TORCH-ON SBS RUBBER MODIFIED ROOFING SYSTEM  
CORPORATE SOURCE: MARLEY WATERPROOFING LTD.  
SOURCE: Sevenoaks, 1985, pp.2. 12ins. 29/11/85. 42C21D11-62(11)-6R43  
JOURNAL ANNOUNCEMENT: 198603 RAPRA UPDATE: 198604  
DOCUMENT TYPE: Trade Literature  
LANGUAGE: English

...DESCRIPTORS: ELONGATION AT BREAK; FLAMMABILITY; INSTALLATION;  
MAINTENANCE; MECHANICAL PROPERTIES; MEMBRANE; PHYSICAL PROPERTIES;  
PUNCTURE RESISTANCE; ROOFING; ROOF; SATURATED POLYESTER ; SPUN  
BOND ; STYRENE-BUTADIENE-STYRENE BLOCK COPOLYMER; SYNTHETIC FIBRE; TEAR  
STRENGTH; TENSILE STRENGTH; TENSILE PROPERTIES; TEST; TESTING...

9/3,k/28 (Item 24 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00303990

TITLE: REINFORCEMENT OF FLEXIBLE POLYVINYL CHLORIDE FOAM BY NON-WOVEN  
FABRICS  
AUTHOR(S): Deanin R D; Kos F T  
CORPORATE SOURCE: LOWELL,UNIVERSITY  
CONFERENCE PROCEEDINGS: ACS Polymeric Materials Science and Engineering  
SOURCE: 53, Sept.1985, p.821-5  
JOURNAL ANNOUNCEMENT: 198603 RAPRA UPDATE: 198604  
DOCUMENT TYPE: Conference Papers  
LANGUAGE: English

...DESCRIPTORS: NEEDLE PUNCHING; NON-WOVEN FABRIC; NYLON; POLYAMIDE;  
PLASTICISER; PLASTISOL; PVC; VINYL CHLORIDE POLYMER; RAYON;  
REINFORCEMENT; SATURATED POLYESTER ; SPUN BOND ; TEMPERATURE  
DEPENDENCE; TENSILE MODULUS; TENSILE PROPERTIES; THERMAL PROPERTIES;  
THICKNESS; TORSIONAL MODULUS; TS; TENSILE PROPERTIES; WEIGHT...

9/3,k/29 (Item 25 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics  
(c) 2006 RAPRA Technology Ltd. All rts. reserv.

00263151

TITLE: POLYMERS, FIBRE TYPES, AND EXTRUSION EQUIPMENT FOR POLYPROPYLENE  
AUTHOR(S): Cooper M L  
CORPORATE SOURCE: ICI,PLASTICS DIV.  
CONFERENCE PROCEEDINGS: Polypropylene Textiles;Conference  
CORPORATE EDITOR: Shirley Institute  
SOURCE: Manchester, October 22, 1981, p.13-8. 42C12-62(14)  
JOURNAL ANNOUNCEMENT: 198502 RAPRA UPDATE: 198504  
DOCUMENT TYPE: Conference Papers  
LANGUAGE: English

...DESCRIPTORS: DISTRIBUTION; MOLECULAR WEIGHT; OXIDATION; OXIDATIVE  
DEGRADATION; PACKAGING; PE; ETHYLENE POLYMER; PLASTIC; POLYAMIDE; PP;  
PROPYLENE POLYMER; SATURATED POLYESTER ; SPINNERETTE; SPUN BOND ;  
STABILISER; TEA BAG; TEST; TESTING; TEXTILE; UPHOLSTERY; UV RADIATION;  
ULTRAVIOLET IRRADIATION; WOVEN FABRIC; FABRIC; COLORANT...

9/3,k/30 (Item 26 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00257462

**TITLE: STEEL-REINFORCED FILTER MATTRESSES**

**SOURCE:** Ground Engineering; 17, No.4, May 1984, p.37

**JOURNAL ANNOUNCEMENT:** 198411 **RAPRA UPDATE:** 198422

**DOCUMENT TYPE:** Journal Article

**LANGUAGE:** English

...**DESCRIPTORS:** FABRIC; FILTER; MATTRESS; OFFSHORE APPLICATION;  
PERMEABILITY; PP; PROPYLENE POLYMER; PUNCTURE RESISTANCE; REINFORCED  
PLASTIC; SANDWICH STRUCTURE; SATURATED POLYESTER ; SHEET; SPUN  
BOND ; STORM PROTECTION

9/3,K/31 (Item 27 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics

(c) 2006 RAPRA Technology Ltd. All rts. reserv.

00255806

**TITLE: WATER VAPOUR PERMEABLE BASE SHEETING**

**AUTHOR(S):** Lindt P M

**SOURCE:** Kunststoffe im Bau; 19, No.2, 1984, p.64-6

**JOURNAL ANNOUNCEMENT:** 198410 **RAPRA UPDATE:** 198420

**DOCUMENT TYPE:** Journal Article

**LANGUAGE:** German

**DESCRIPTORS:** BUILDING APPLICATION; BUILDING APPLICATIONS; COATED FABRIC;  
FABRIC; PHYSICAL PROPERTIES; PLASTIC; ROOF; SATURATED POLYESTER ;  
SPUN BOND ; THERMAL INSULATION; WATER VAPOUR PERMEABILITY

9/3,K/32 (Item 28 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics

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00060989

**TITLE: STYLING TRENDS ARE MAJOR INFLUENCE ON DEVELOPMENTS IN CARPET  
BACKINGS**

**AUTHOR(S):** WARD D

**SOURCE:** Textile Month; MAY 1976, p.37/53

**JOURNAL ANNOUNCEMENT:** 197609 **RAPRA UPDATE:** 198201

**DOCUMENT TYPE:** Journal Article

**LANGUAGE:** English

**DESCRIPTORS:** SBR; LATICES; NYLON; POLYPROPYLENE; PVC; POLYURETHANE; FABRIC;  
CARPET BACKING; SYNTHETIC GRASS; SATURATED POLYESTER ; SPUN BOND

Robert Finley

14/3,K/1 (Item 1 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
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00877538

TITLE: CLEARIM - NEW POLYURETHANE COATING SYSTEM FOR SEALING NATURAL AND  
ROOT WOOD TRIM OR AUTOMOTIVE APPLICATIONS

AUTHOR(S): Cheryba T E; Willmeroth G

CORPORATE SOURCE: Hennecke Machinery; Hennecke GmbH

CONFERENCE PROCEEDINGS: Polyurethanes Conference 2002. Proceedings of a  
conference held Salt Lake City, Utah, 13th-16th Oct.2002

CORPORATE EDITOR: American Plastics Council; Alliance for the  
Polyurethanes Industry

SOURCE: Arlington, Va., Alliances for the Polyurethanes Industry, 2002,  
Technical Session B - Automotive, Paper 1, p.57-60, 28 cm, 012

JOURNAL ANNOUNCEMENT: 200303 RAPRA UPDATE: 200305

DOCUMENT TYPE: Conference Papers

LANGUAGE: English

SUBFILE: (R) RAPRA

ABSTRACT: Many luxury cars are supplied with real wood or wood veneer  
components for interior trim pieces such as gear lever knobs, centre  
consoles, steering wheels and instrument panel inserts.  
Conventional methods of producing these parts involve up to six coating

...Sanding and buffing processes to produce a high gloss and protective  
barrier for the natural wood must then follow these steps. The main  
drawback of the traditional manufacturing technique is its...

...90% reduction in component emissions. The durable PU coating created  
with ClearRIM also protects the wood front marring and potentially  
damaging UV rays. ClearRIM is based on the following procedure. The  
natural wood component is placed into a mould. Then a piston cleaned,  
loss free mixhead fills the gap between the wood surface and the  
mould cavity. The PU layer cures within five minutes then the part is  
removed. Intensive efforts are currently underway to...

14/3,K/2 (Item 1 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2006 ProQuest. All rts. reserv.

05865672 SUPPLIER NUMBER: 275418231 (USE FORMAT 7 OR 9 FOR FULLTEXT)

2003 Lincoln Aviator

Dunne, Jim

Popular Mechanics (GPOM), v180 n1, p43-46

Jan 2003

ISSN: 0032-4558 JOURNAL CODE: GPOM

DOCUMENT TYPE: Product Review-Favorable

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 151

TEXT:

... fine luxury automobile make it deserving  
of the Lincoln nameplate. Interiors are finished with a wood and  
leather steering wheel, bright metal frames for controls and console,  
leather seats, and burl walnut trim on the doors, console and instrument  
panel. A quieter cabin derives from laminated glass in the doors, while  
inflatable side curtains contribute to overall passenger safety. Drivetrain  
details...

14/3,K/3 (Item 2 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2006 ProQuest. All rts. reserv.

Robert Finley

05766636 SUPPLIER NUMBER: 236499921 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Westermann's way  
Duncan, Michael  
Art in America (GARA), v90 n11, p122-127+, p.7  
Nov 2002  
ISSN: 0004-3214 JOURNAL CODE: GARA  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3613

TEXT:

... of a tree. But the marks on the sculpture are actually indications of the many layers of plywood. With this rope trick, Westermann deflects attention from the depicted object to the more subtle illusion of the laminated medium. Reshaping the pieces of lowgrade plywood into a solid form, he carved a formal...rigor, exacting craftsmanship and penchant for humorous, Zen-like paradox are clearly evidenced in his wood boxes. Walnut Box (1964) is made of walnut wood and filled with walnuts-both a product and a container of seeds. Plywood Box (1964) also seems to be just what its title describes, a conventional lidded rectangular shape whose horizontal striations, visible on all sides, reflect its layered fabrication. Opening the lid, however, reveals no hollow volume inside, but only the top layer of stacked plywood. This is a plywood box that "contains" its wooden essence. By stacking and laminating, Westermann in a sense negates plywood's "natural" manufactured plane geometry. Reflecting on form and form-making, the work invites comparison...

...Box with the Sound of Its Own Making (1961) and Richard Artschwager's Formica and wood sculptures of the early '60s.

Another work predicated on a pun, Imitation Knotty Pine (1966...

...Other sculptures address the social and philosophical ramifications of technology. Antimobile (1965), also made of laminated plywood, consists of a 4-foot column with a large, movable steering wheel whose circular form sags in one section to act as a kind of ballast. The...

...on a straightforward path. Like a kind of character flaw, the lackadaisical bulge in the steering wheel's circumference impedes alternate routes or turns, sending its driver straight into oblivion. In this...

...by 8 inches. Allan Frumkin, Inc. Photos this spread courtesy MCA, Chicano.

He-whore, 1957, plywood, vermilion, oak, maple, walnut, flr, birch, mirror, paint, chromium-plated brass, paint, cork, rope, U...

14/3,K/4 (Item 3 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2006 ProQuest. All rts. reserv.

05021301 SUPPLIER NUMBER: 70976698 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
After Memphis  
Lear, Patricia  
Antioch Review (PANR), v59 n2, p137-161, p.25  
Spring 2001  
ISSN: 0003-5769 JOURNAL CODE: PANR  
DOCUMENT TYPE: Fiction  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 11502

TEXT:

... whirling dust, our dad would be driving along and lifting his hand up off the steering wheel or tapping his horn at the drivers going the

other way, drivers driving trucks of...

...I could reach over my hand to the institutional freezer for, say, another ice-cream sandwich as I was reading my comic books or drawing, and being lulled even more into...break; she would be fidgeting and peeling at her fingernails until they peeled off in layers.

So we sat, while the dishwasher chugged and threw the dishes around inside, her with...

14/3,K/5 (Item 4 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2006 ProQuest. All rts. reserv.

05011742 SUPPLIER NUMBER: 70447929 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Impact report  
Armitage, Dan  
Trailer Boats (ITBO), v31 n4, p54-56, p.3  
Apr 2001  
ISSN: 0300-6557 JOURNAL CODE: ITBO  
DOCUMENT TYPE: Product Review-Favorable  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1184

TEXT:

... rods, boat poles, the ski pylon and seat pedestals.

HOW'S SHE BUILT?

The only wood found aboard the MirroCraft is beneath each pedestal seat mount, where 1 1/2-inch wood blocks are used to back up the highstress locations. The hull, floor and stringers are consoles aboard the 1845 are built of fiberglass laminate, similar to that which fiberglass boatbuilders use for hulls. As such, the consoles are extremely...

14/3,K/6 (Item 5 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
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04991391 SUPPLIER NUMBER: 69311520 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Disney bridges the generation gap  
Rothenberg, Sheila; Rothenberg, Robert S  
USA Today (GUSA), v129 n2670, p46-48, p.3  
Mar 2001  
ISSN: 0161-7389 JOURNAL CODE: GUSA  
DOCUMENT TYPE: Commentary  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1536

TEXT:

... 20-minute line for the opportunity to careen around the track. Insisting on manning the steering wheel, he turned out not to have inherited the lead foot his mother is notorious for...

...and-a-half-year-old. A longtime aficionado of the denizens of the Hundred Acre Wood -in fact, his bedroom is decorated with them-Danny should have been demanding to go...

...the only thing to his liking, mendaciously declaring that he'd have his grilled cheese sandwich "later." (Much bedraggled from being toted around the park for the rest of the day...

14/3,K/7 (Item 6 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
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04818635 SUPPLIER NUMBER: 56408959 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Time traveler

Tiger, John Jr

Trailer Boats (ITBO), v30 n8, p68-70, p.3

Aug 2000

ISSN: 0300-6557 JOURNAL CODE: ITBO

DOCUMENT TYPE: Product Review-Favorable

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1816

TEXT:

... the driver's seat, and a keyswitch and choke button plate dresses up the plain wood dashboard. Typically, these boats use today's steering wheels, but Lamb opted for a plastic-over-steel old-fashioned wheel more in tune with...

...tank, battery and starting junction box are the only items in the stern compartment. The wood seats are covered with thick vinyl cushions, color-coordinated to match the warm wood and yellow motif of the sleek hull. A light-- green-tinted Plexiglas windscreen (standard) lends... inches high (for short-shaft 15-inch outboards) with 12 degrees of deadrise. The molded plywood skin is heavily varnished, and the bottom is painted a contrasting color (in Lamb's...

...bright yellow - just like Torpedoes of yesteryear). The bottom is very solid, built with five- ply plywood panels.

PERFORMANCE STANDARDS

The running surface of the AristoCraft has not changed over the years

...

14/3,K/8 (Item 7 from file: 484)

DIALOG(R)File 484:Periodical Abs Plustext

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04208449 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Cliff gods of Acapulco

Johnson, Adam

Esquire (GESQ), v131 n4, p138-143+, p.9

Apr 1999

ISSN: 0194-9535 JOURNAL CODE: GESQ

DOCUMENT TYPE: Fiction

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 9224

TEXT:

... of Jimbo's descriptions of the crash scene on our drive up-"They found the steering wheel in the tree, a fucking tree, man"-the amnesia's peculiar effects-"He doesn't...

...he leans back in a blue director's chair, his feet up on the white laminated desk, reading a racing magazine. He looks at me, looks back at the page. But...

14/3,K/9 (Item 8 from file: 484)

DIALOG(R)File 484:Periodical Abs Plustext

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03527256 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Industry's amazing new instant prototypes

Bylinsky, Gene

Fortune (FOR), v137 n1, p120E-120L, p.7

Jan 12, 1998

Robert Finley

ISSN: 0015-8259 JOURNAL CODE: FOR  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2349

TEXT:

... paper. His company, Helisys of Torrance, Calif., makes remarkably sturdy objects by a process called laminated -object manufacturing. A blue CO2 laser traces each layer by burning, moving like a crazed ice dancer carving a turn here, a straight line there. Successive layers are bonded by adhesive. Helisys, whose machines have modeled auto steering wheels, bumpers, and other shapes that feel like wood to the touch, is a \$12-million-a-year public company.

Meanwhile, a group of...

...Instead of ink, RP machines, licensed to use MIT's approach, squirt a binder on layers of powdered steel, ceramics, or even starch that are spread by rollers.

The machines to...

14/3,K/10 (Item 9 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
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03383708 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Flats cat

Bourdon, Stuart

Trailer Boats (ITBO), v26 n9, pE7-E8, p.2

Sep 1997

ISSN: 0300-6557 JOURNAL CODE: ITBO

DOCUMENT TYPE: Product Review-Favorable

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1756

TEXT:

... hull construction consists of an isothermal gelcoat laid over resin and 24-ounce woven roving laminated with marine-grade plywood and mat. A stiffening keel runs down the center of the...

...steel swing-back cooler seat, a Bimini top, the binnacle control box, the stainless-steel steering wheel and Teleflex steering system were among the notable options fitted to our test Nautico 18...

14/3,K/11 (Item 10 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
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03090362 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Lorries and lorry driving in Britain 1948-1968: The end of an era

Cooper, Howard

Journal of Popular Culture (GJPC), v29 n4, p69-81, p.13

Spring 1996

ISSN: 0022-3840 JOURNAL CODE: GJPC

DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 5791

TEXT:

... cab as possible. with huge in-cab air cleaners, large switch-boxes and very large steering wheel, the driver's space between the long handbrake and gear levers and the door handle...

...chains, chaintensioners ("dogs"), spare light lenses and bulbs,

trailer-leg winding handles, cans of oil, wood blocks and jacks, starting handle and tools. Seats were non-adjustable, frequently no more than...

...and a stop in a warm cafe for a mug of tea and a bacon sandwich, such thoughts would disappear.)

For some, the day would start between 3:00 and 4...

14/3,K/12 (Item 11 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
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02479574 (USE FORMAT 7 OR 9 FOR FULLTEXT)

40 years of Seaswirl

Caswell, Chris

Trailer Boats (ITBO), v24 n9, p46-48

Sep 1995

ISSN: 0300-6557 JOURNAL CODE: ITBO

DOCUMENT TYPE: Product Review-Favorable

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1013

LENGTH: Medium (10-30 col inches)

TEXT:

... t tell.

The starting point for each Seaswirl is a solid fiberglass hull of alternating layers of 24-ounce woven roving and machine-laid chopped fibers for the best resin-to-reinforcement ratios. The stringers are foam cored, and all wood is fully encapsulated in fiberglass so you can hose out the Seaswirl without worrying about...

...is sturdy even when opened.

Upgrades for the LE version include the Dino mahogany tilt steering wheel, woodgrain dash, more powerful Clarion stereo, adjustable passenger seat, pressurized transom shower, bow sun-pad...

14/3,K/13 (Item 12 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
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02431274 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Captivating performance

Sargeant, Frank

Trailer Boats (ITBO), v24 n7, p70-74

Jul 1995

ISSN: 0300-6557 JOURNAL CODE: ITBO

DOCUMENT TYPE: Product Review-Favorable

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1437

LENGTH: Long (31+ col inches)

TEXT:

... to the outside of the planing surface. Power steering made turns effortless and eliminated all steering - wheel torque at any speed or trim position. The Momo racing wheel also tilts to allow...

...gelcoat, a 2-ounce chopped-mat skin coat to a prevent print-through, and four layers of 2415 Fabmat for strength. The fir stringers are fully encased in Fabmat as well, reinforcing the wood and making it waterproof. Deck surfaces are reinforced with endgrain balsa for reduced flex. All...

14/3,K/14 (Item 13 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
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02326439 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
'96 Dodge Grand Caravan ES vs. Ford Windstar LX  
DeMere, Mac; Fuller, Don  
Motor Trend (GMOT), v47 n5, p63-71, p.8  
May 1995  
ISSN: 0027-2094 JOURNAL CODE: GMOT  
DOCUMENT TYPE: Product Review-Comparative  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3248 LENGTH: Long (31+ col inches)

TEXT:

... To that end, there's a thick plastic shield over the valve covers, a triple layer of rubber seals on the front door openings, a spoiler in front of the windshield...

...Dodge's dash, and the information cluster above the instrument panel is blocked by the steering wheel. A small but appreciated detail is the Dodge's steering-wheel-mounted cruise control--offering a cancel button that permits disengaging the cruise without tapping the...

14/3,K/15 (Item 14 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
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02250219 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Road test: Jaguar XJR  
Van Tune, C; Huffman, John Pearley  
Motor Trend (GMOT), v47 n3, p40-48, p.5  
Mar 1995  
ISSN: 0027-2094 JOURNAL CODE: GMOT  
DOCUMENT TYPE: Product Review-Favorable  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1280 LENGTH: Long (31+ col inches)

TEXT:

... XJR is treated to the high-tech appearance of black-stained bird's-eye maple laminates on the dashboard and door panels, as well as on the shift knob--a nice alternative to the colder look of carbon fiber. Dual airbags and a wood-and-leather-trimmed steering wheel also are included, and ergonomics have been improved all around. Other standard items include memory...

14/3,K/16 (Item 15 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
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01939846 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
A new angle on skiboats  
Youngs, Jim  
Trailer Boats (ITBO), v23 n4, p54-57  
Apr 1994  
ISSN: 0300-6557 JOURNAL CODE: ITBO  
DOCUMENT TYPE: Product Review-Favorable  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1130 LENGTH: Long (31+ col inches)

TEXT:

... have learned to appreciate the quality of MasterCraft construction and its attention to detail. The lamination schedule consists of alternating layers of mat, Coremat, and biaxial. In mounting areas for the engine, ski pylon, lifting eyes...

...in three compartments in the bow.

Robert Finley

The helm is efficient with all gauges mounted above steering - wheel level, where they are readily seen. There are gauges for speed, volts, oil pressure, water temperature, fuel, rpm, and engine hours. The array also includes a clock. The steering wheel is tilt model, which I find particularly handy on almost any boat. A switch panel...

14/3,K/17 (Item 16 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
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01842718 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Trial run: Mahogany in motion  
Youngs, Jim  
Trailer Boats (ITBO), v23 n2, p54-55  
Feb 1994  
ISSN: 0300-6557 JOURNAL CODE: ITBO  
DOCUMENT TYPE: Product Review-Favorable  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 756 LENGTH: Medium (10-30 col inches)

TEXT:

... stainless screws that are ultimately hidden with carefully fitted, matching bungs. The mahogany receives six layers of Spar varnish with a full day of curing between coats. A mahogany windshield frame...

...or white.

The interior of the Paragon is equally warm and rich thanks to more wood, deep contrasting colors, and soft fabrics. The layout is typical skiboat, limited by the large...

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1012	B62D001/06.IPC. and "steering wheel"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/31 20:49
L2	95	1 and adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/31 20:52
L3	0	2 and nonwoven	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/31 20:50
L4	1	2 and non-woven	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/31 20:50
L5	16	2 and sheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/31 20:52